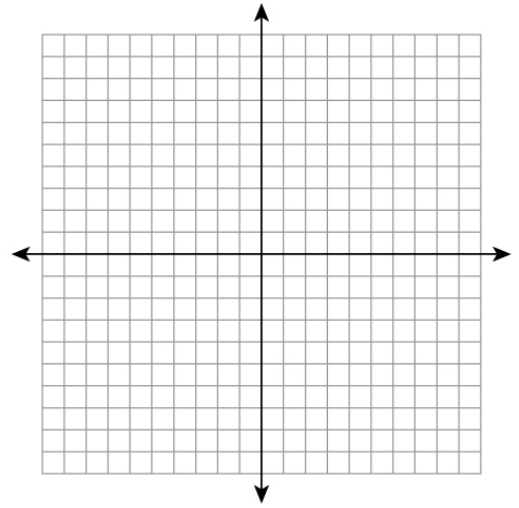
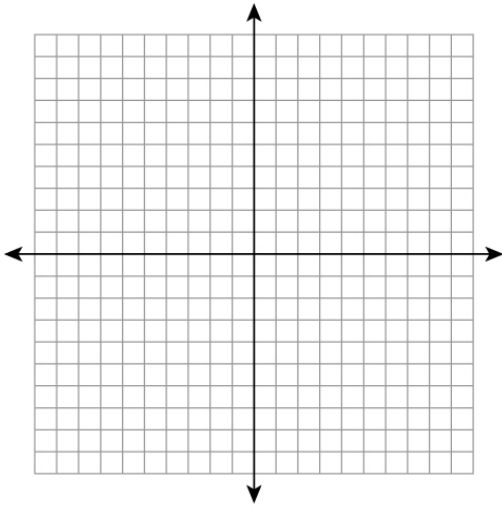


Graphing Absolute Value Inequalities

Sketch the graph of each linear inequality.

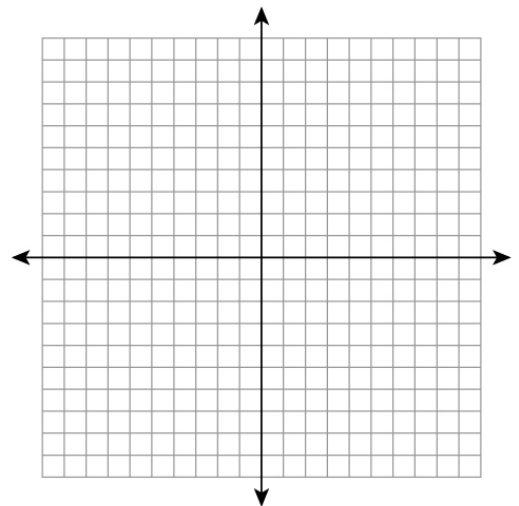
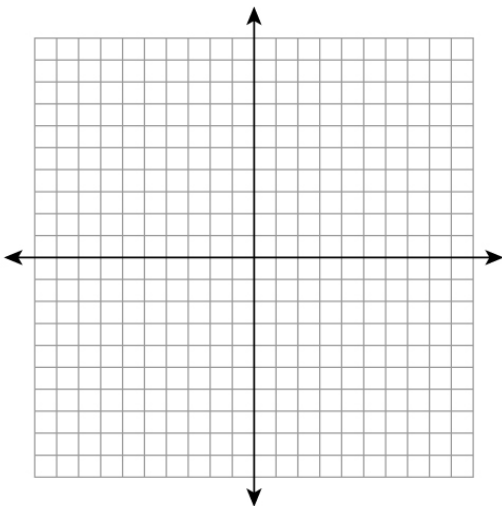
① $y \geq |2x - 1| - 4$

② $|3x - 12| \geq 6$



③ $y < |x - 2| + 1$

④ $y \geq -\frac{1}{3}|x - 3|$

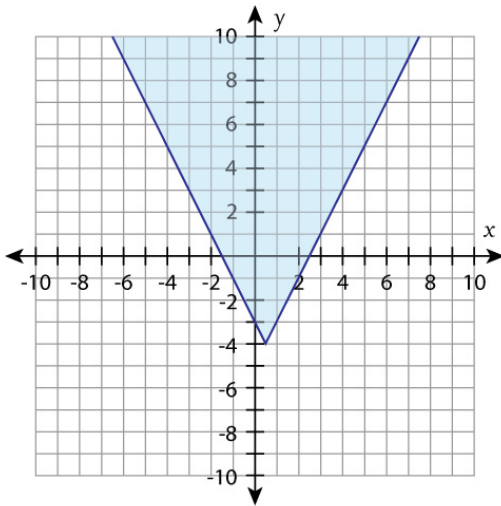


Graphing Absolute Value Inequalities

Answers

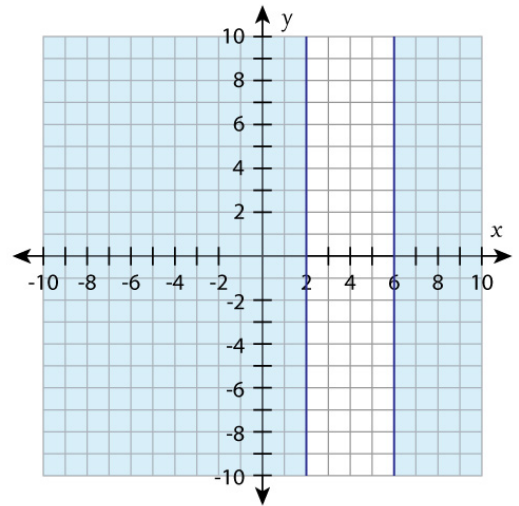
① $y \geq |2x - 1| - 4$

No solution



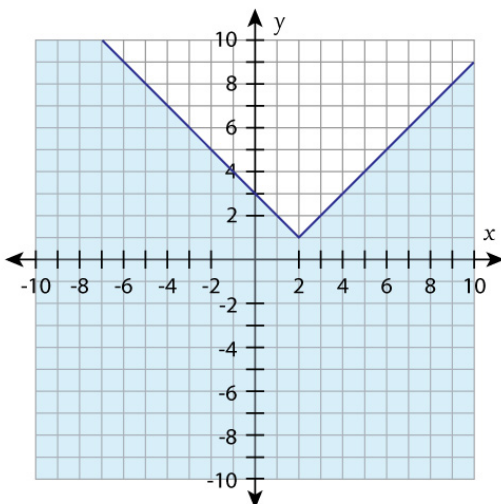
② $|3x - 12| \geq 6$

$x \geq 6$ or $x \leq 2$



③ $y < |x - 2| + 1$

No solution



④ $y \geq -\frac{1}{3}|x - 3|$

No solution

